



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 08/28/2020	EPA Reg No./File Symbol 45002-xxx	Page 1 of 5			
Applicant's/Registrant's Name & Address Albaugh, LLC 1525 NE 36 <sup>th</sup> Street Ankeny, IA 50021	Product Albaugh Mefenoxam Technical				
Ingredient Metalaxyl-M CAS # 70630-17-0 and 69516-34-3					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

830.1550	Product Identity and Composition	51248803	Albaugh	OWN	
830.1600	Description of Materials Used to Produce the Product	51248803	Albaugh	OWN	
830.1620	Description of Production Process	51248803	Albaugh	OWN	
830.1650	Description of Formulation Process				Waiver <sup>1</sup>
830.1670	Description of Formation of Impurities	51248803	Albaugh	OWN	
830.1700	Preliminary Analysis	51248804	Albaugh	OWN	
830.1750	Certified Limits	51248803	Albaugh	OWN	
830.1800	Enforcement Analytical Method	51248804	Albaugh	OWN	
830.6302	Color	51248802	Albaugh	OWN	
830.6303	Physical State	51248802	Albaugh	OWN	
830.6304	Odor	51248802	Albaugh	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions	51248805	Albaugh	OWN	
830.6314	Oxidation/Reduction: Chemical Incompatibility	51248802	Albaugh	OWN	
830.6315	Flammability	51248802	Albaugh	OWN	
830.6316	Explosibility				Waiver <sup>2</sup>
830.6317	Storage Stability	51248805	Albaugh	OWN	
830.6319	Miscibility				Waiver <sup>3</sup>

Signature 	Name and Title Ailis Gregory Regulatory Manager, North America	Date 08/28/2020
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Ingredient Metalaxyl-M CAS # 70630-17-0 and 69516-34-3					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

830.6320	Corrosion Characteristics	51248805	Albaugh	OWN	
830.6321	Dielectric Breakdown Voltage				Waiver <sup>4</sup>
830.7000	pH	51248802	Albaugh	OWN	
830.7050	UV/Visible Absorption				
830.7100	Viscosity	51248802	Albaugh	OWN	
830.7200	Melting Point/Melting Range				Waiver <sup>5</sup>
830.7220	Boiling Point/Boiling Range				Waiver <sup>6</sup>
830.7300	Density/Relative Density/Bulk Density	51248802	Albaugh	OWN	
830.7370	Dissociation Constants in Water			LIT	
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				Waiver <sup>7</sup>
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				Waiver <sup>7</sup>
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography			LIT	
830.7840	Water Solubility: Column Elution Method; Shake Flask Method			LIT	
830.7860	Water Solubility, Generator Column Method				Waiver <sup>8</sup>

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Ingredient Metalaxyl-M CAS # 70630-17-0 and 69516-34-3					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

830.7950	Vapor Pressure			LIT	
870.1100	Acute Oral Toxicity – Rat	CITE ALL		PAY	
870.1200	Acute Dermal Toxicity - Rat	CITE ALL		PAY	
870.1300	Acute Inhalation Toxicity - Rat	CITE ALL		PAY	
870.2400	Primary Eye Irritation - Rabbit	CITE ALL		PAY	
870.2500	Primary Dermal Irritation	CITE ALL		PAY	
870.2600	Dermal Sensitization	CITE ALL		PAY	

Albaugh will make offers-to-pay to the following companies that appear on the current data submitters list for Metalaxyl-M:

Metalaxyl-M Generic Data	Cite-All		Syngenta (100)	PAY	
Metalaxyl-M Generic Data	Cite-All		FMC (279)	PAY	
Metalaxyl-M Generic Data	Cite-All		Macdermid (400)	PAY	
Metalaxyl-M Generic Data	Cite-All		Winfield (1381)	PAY	
Metalaxyl-M Generic Data	Cite-All		Nufarm Americas (55146)	PAY	
Metalaxyl-M Generic Data	Cite-All		Adama MANA (66222)	PAY	
Metalaxyl-M Generic Data	Cite-All		Nation's AG (70252)	PAY	

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Ingredient Metalaxyl-M CAS # 70630-17-0 and 69516-34-3					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

Metalaxyl-M Generic Data	Cite-All		LG Chem (71532)	PAY	
Metalaxyl-M Generic Data	Cite-All		ORETF (71784)	PAY	
Metalaxyl-M Generic Data	Cite-All		ARTF (71755)	PAY	
Metalaxyl-M Generic Data	Cite-All		FIFRA ESTF (73989)	PAY	
Metalaxyl-M Generic Data	Cite-All		REJVTF (74888)	PAY	
Metalaxyl-M Generic Data	Cite-All		AHETF (75234)	PAY	
Metalaxyl-M Generic Data	Cite-All		GESTF (84653)	PAY	
Metalaxyl-M Generic Data	Cite-All		Argite (87373)	PAY	
Metalaxyl-M Generic Data	Cite-All		Yifan Biotechnology (95055)	PAY	

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Footnotes for Albaugh Mefenoxam Technical Data Matrix

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Footnote 1

- 830.1650 Formulation Process. Albaugh requests a waiver for this data requirement. Albaugh Mefenoxam Technical is not deliberately formulated. Refer to 830.1620 Production Process.

Footnote 2

- 830.6316 Explodability. Albaugh requests a waiver for this data requirement. Albaugh Mefenoxam Technical does not contain any components that are explosive.

Footnote 3

- 830.6319 Miscibility. Albaugh requests a waiver from this guideline. Albaugh Mefenoxam Technical is not intended to be diluted with oil or other non-polar solvents.

Footnote 4

- 830.6321 Dielectric Breakdown. Albaugh requests a waiver from this guideline. Albaugh Mefenoxam Technical is not intended to be used around electrical equipment.

Footnote 5

- 830.7200 Melting Point. Albaugh requests a waiver from this guideline. Albaugh Mefenoxam Technical is a liquid.

Footnote 6

- 830.7220 Boiling Point. Albaugh requests a waiver for this data requirement. Albaugh Mefenoxam Technical decomposes before boiling.

Footnote 7

- 830.7550 Partition Coefficient, Shake Flask Method
- 830.7560 Partition Coefficient, Generator Column Method

Albaugh requests a waiver for these data requirements. Albaugh elected to use Guideline 830.7570 to satisfy this data requirement.

Footnote 8

- 830.7860 Water Solubility. Albaugh requests a waiver for this data requirement. Albaugh elected to use Guideline 830.7840 to satisfy this data requirement.